

CLAIMS

1. A resilient insert for the production of a support, such as a mattress, seat and the like, which insert maybe enclosed by a cover to form a finished mattress, and where the springs are made of an elastic resin of a cross sectional shape which at the top and at the bottom extends essentially horizontally and mutually in parallel and with wave shape extending therebetween to form the resilient element, said springs being provided with transverse slots through the entire spring characterized in that the slot comprises through-going slots (5) as well as partial slots (4) extending therebetween which extend above from the side edges of the spring elements and a distance inwards.

2. A resilient insert according to claim 1, characterized in that each of the springs (1) comprises a single wave with two bending lines (8,9) to receive the vertical movability, and is provided with locking means at the top (2,3) and at the bottom (10,11) to join adjacent springs. (1) and thereby to form the complete spring insert.

3. A resilient insert according to claims 1 and 2, characterized in that a groove (7) is provided along the upper side along one side edge to receive horizontal movability.

4. A resilient insert according to claim 2, characterized in that the locking means respectively comprise a tongue and groove at each side edge at the top and at the bottom, said tongue (15) having barbs (15a) to be pressed into receiving tracks (16a) in the groove (16)

5. A resilient insert according to claim 2, characterized in that the locking means respectively comprise a plurality of upwardly facing pins (17) on the tongue to engage with a plurality of cooperating holes (18) in the groove (fig.4).

6. A resilient insert according to claim 2-5, c h a r a c t e r i z e d in that a channel (13) is provided along the lower side to receive a carrier (12) which constitutes the carrying element in the support.

7. A resilient insert according to claim 5, c h a r a c t e r i z e d in that the channel (13) partially encloses the rail (12) and that it is through-going uninterruptedly on the lower side (14).